CONTROL NO. [redacted]	NO. of CYS. 2	DOCUMENT DATE 9 Aug 65
REFERENCE NO. --	SOURCE Ind Br/IAD	ATTACHMENTS ~~None~~ Feasibility Study
SUBJECT Feasibility Study of Water Effluents Identification Prepared by [redacted] (Tech Prop 65-3657-1)		
COPY NO. Orig & 1		COPY NO.
Orig - [redacted]		
1 - [redacted]		

[redacted]

MEMORANDUM FOR: [redacted]

The coordination evidenced here is most appropriate - However, I would like you to secure indication that it has passed thru IWG's hands (representing their concurrence) - I also feel that we have a responsibility to secure PAG's reaction before turning down

(DATE)

FORM NO. 1 AUG 54 101 REPLACES FORM 10-101 WHICH MAY BE USED. (47)

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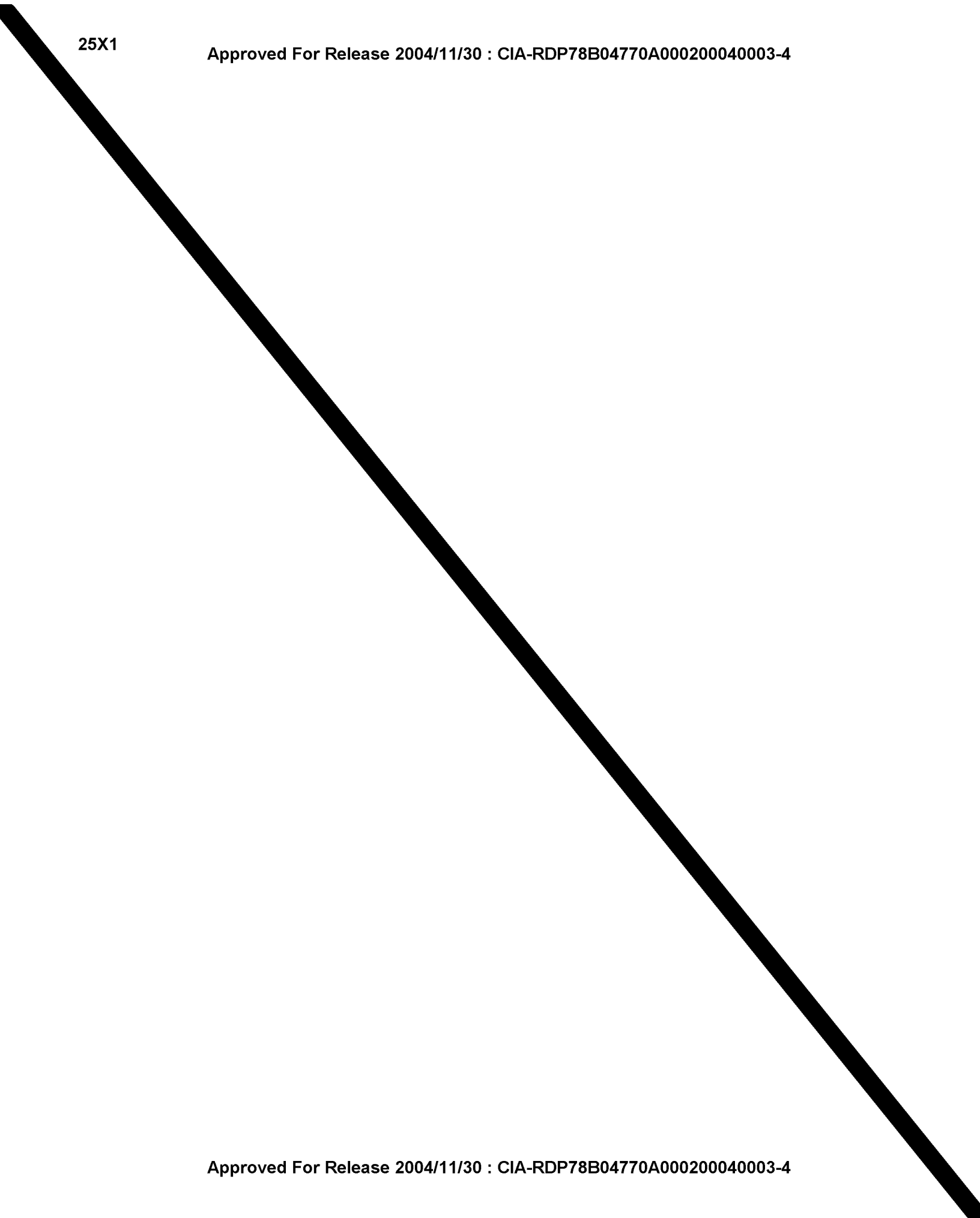

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IB - 266/65
9 August 1965

MEMORANDUM FOR: Chief, Plans & Development Staff, NPIC

X1 ATTENTION :

THROUGH : Chief, Imagery Analysis Division, CIA

FROM : Acting Chief, Industrial Branch

SUBJECT : Feasibility Study of Water Effluents Identification
X1 Prepared by (Technical Proposal 25X
65-3657-1, 7 June 1965)

1. It is my opinion that the referenced study is of extremely marginal value and that no contract should be negotiated.

For the most part there are far more reliable elements, imaged on photography, which are either diagnostic, or which in combination, can be used to identify industries. Likewise; steam, smoke, railroad car, vehicle traffic and the like are more meaningful and readily apparent clues to activity than the study of water effluents. Incidently, water effluents are also currently used as one of the indicators for activity by both the Industrial and the Atomic Biological and Chemical Branches of the Imagery Analysis Division. This paper has been coordinated with the Acting Chief, ABCB, and he is in agreement with the comments.

2. The practicality of using special films and filters for a specific target such as water effluent would hardly justify a separate mission and would be next to impossible to program into a regularly scheduled mission.

3. From my own experience with government contracts the time element for the two phases of the proposal are not long enough.

4. The total cost of the proposed study is This is a very misleading figure as it does not include the true costs. 25X

Task I-6, pp 8 and 9, states "a contract amendment will be required to fund this portion of the study".

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Task II-1, p 14, calls for "aerial reconnaissance, to be performed by the government, ----- using photography, infrared detectors, radar, radiation detections, or other sensors ----". This actually will be a major cost factor with no estimates being made.

5. Both tasks I-7 and I-9, p 13, ask for data supplied by the government pertaining to various systems. Security aspects must be considered and in some instances will prevent the disclosure of such data. Likewise, proprietary rights of developers must be taken into consideration.

6. New ideas and research into new and unique interpretation methods should be undertaken. This proposal, however, does not appear to have the potential usefulness to warrent its approval. Work on identification of water polution has been conducted by teams on the ground as well as from low-level flights. The feasibility of developing useful methods from high flying aircraft or satellite missions appear remote.

It is hoped that private industry will be encouraged to come forth with ideas and proposals in the future. Futhermore, the Industrial Branch will lend assistance at any time to assist in any way in the evaluation of proposals or in offering suggestions.

[redacted]